

Please amend the claims as follows:

D 1
Sub E 1

5. (Twice amended) An antibody fragment according to claim 12 wherein the polymer is selected from the group consisting of methoxy(polyethylene glycol) and derivatives of methoxy(polyethylene glycol).

D 2
Sub E 1

9. (Amended) An antibody fragment according to claim 12 covalently attached to one or more effector or reporter molecules.

D 3
Sub E 1

10. (Amended twice) A composition comprising a monovalent antibody fragment according to claim 12 together with one or more pharmaceutically acceptable excipients, diluents or carriers.

D 4
Sub E 1

11. (Amended) The monovalent antibody fragment of claim 12, wherein the antigen-binding fragment is an Fab' fragment.

Sub E 2

Please add the following claim:

12. (New) A polymer modified monovalent antibody fragment, wherein said antigen-binding fragment comprises a heavy chain and a light chain, wherein said heavy chain comprises of a V_H domain covalently linked at its C-terminus to a C_{H1} domain extended to provide a hinge domain, said hinge domain comprising not more than one cysteine residue; said light chain comprising of a V_L domain, which is complementary to the V_H domain, covalently linked at its C-terminus to a C_L domain;